

1 H3C SR8800 主控板内存条升级说明书

1.1 规格说明

内存条的详细规格说明请参见 [表 1-1](#)：

表1-1 H3C SR8800 主控板内存条规格表

属性	规格
内存条类型	DDR SDRAM
单根内存容量	1GB（适用于 SR02SRP1M3、SR02SRP1E3 和 SR02SRP2E3 主控板） 2GB（适用于 SR02SRP1F3 和 SR02SRP2F3 主控板）
尺寸	长：133.35 ± 0.20 mm（5.250 ± 0.008 inches） 宽：30.48 ± 0.20 mm（1.20 ± 0.008 inches）
引脚数	184
工作频率	266MHz 或 333MHz
工作电压	2.5 ± 0.2V



说明

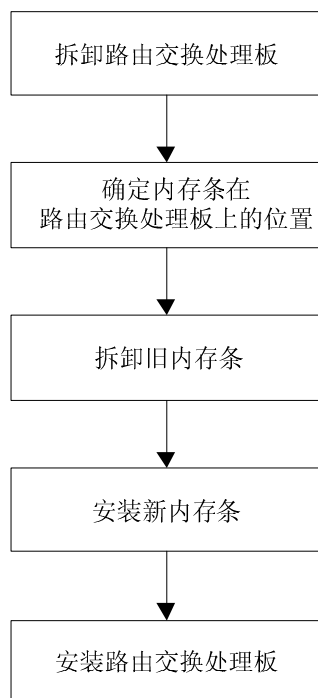
- SR02SRP1M3、SR02SRP1E3 和 SR02SRP2E3 主控板缺省配置 1GB，可扩展至 2GB；
- SR02SRP1F3 和 SR02SRP2F3 主控板缺省配置 2GB，可扩展至 4GB。

1.2 内存条升级

1.2.1 升级流程

内存条的升级遵循以下流程：

图1-1 内存条升级流程图

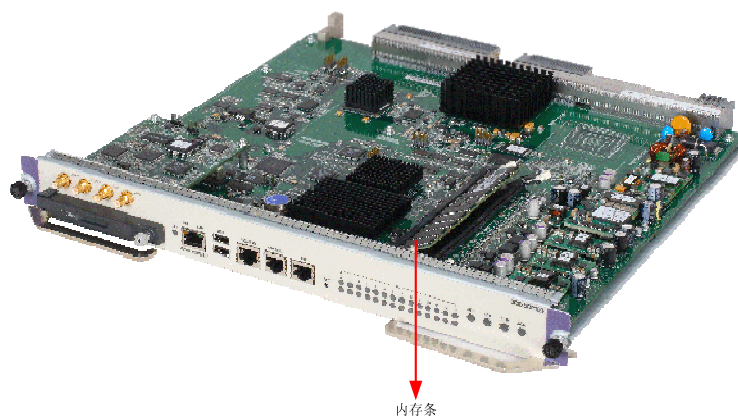


1.2.2 升级步骤

1. 确定内存条在路由交换处理板上的位置

进行拆装内存条时，请先确认路由交换处理板的内存条的位置，SR8800 路由器内存条插槽在路由交换处理板上的具体位置如 [图 1-2](#)所示。

图1-2 内存条在路由交换处理板上的位置示意图



2. 拆卸旧内存条

- (1) 按下内存条插座两端的启拔开关，注意按下起拔开关的时候，双手同时施力。
- (2) 从路由交换处理板内存条插座上取下原内存条。

**注意**

- 在更换内存条时, 为了安全起见, 请务必配带防静电手套或者防静电护腕。
 - 只能在内存条的非导电边缘上拿捏内存条。因为内存条容易受静电影响, 有可能由于操作者的不当操作导致其损坏。
 - 拆卸内存条时, 感觉比较费力是正常现象, 请不要在操作中用力过猛。
 - 不要用手直接触摸内存条表面元件。
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3. 安装新内存条

- (1) 将新内存条插入内存条插座。
- (2) 确保内存条插座两端的启拔开关压紧, 扣在内存条两侧。

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1 H3C SR8800 SRPU Memory Module Upgrade Instructions

Specifications

For specifications of the H3C SR8800 SRPU memory module, see [Table1](#).

Table1 Specifications for the H3C SR8800 SRPU memory module

Attribute	Description
Type	DDR SDRAM
Size	1GB (applicable to SR02SRP1M3, SR02SRP1E3, and SR02SRP2E3) 2GB (applicable to SR02SRP1F3 and SR02SRP2F3)
Dimensions	Length: 133.35 ± 0.20 mm (5.250 ± 0.008 in.) Width: 30.48 ± 0.20 mm (1.20 ± 0.008 in.)
Pins	184
Operating frequency	266 MHz or 333 MHz
Operating voltage	2.5 ± 0.2 V

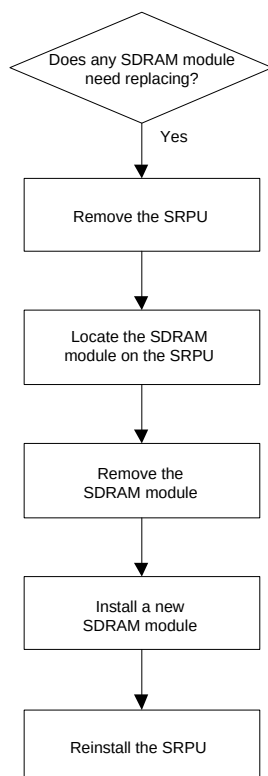


Note

- By default, 1 GB of memory is configured on each of SR02SRP1M3, SR02SRP1E3, and SR02SRP2E3, and can be expanded to 2 GB.
 - By default, 2 GB of memory is configured on each of SR02SRP1F3 and SR02SRP2F3, and can be expanded to 4 GB.
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Mounting Method

Follow this flowchart to maintain the SDRAM modules:

Figure1 SDRAM module maintenance flow

SDRAM modules are removable components on the SRPU. In the following cases, you need to upgrade or replace an SDRAM module:

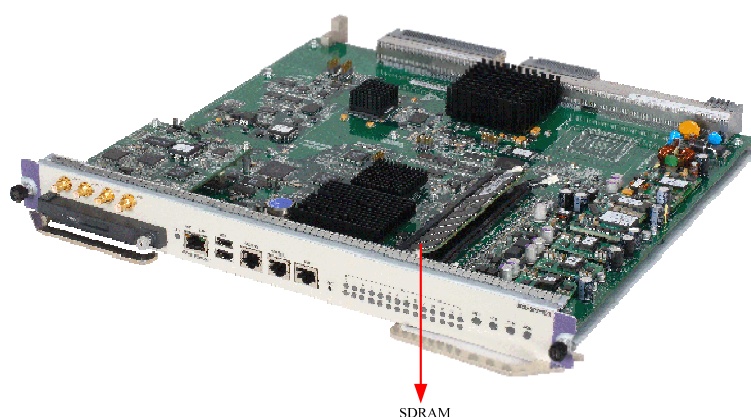
- More memory space is needed for application program upgrade.
- The router needs to maintain a large routing table or to support other highly memory consuming operations.
- An existing SDRAM module is damaged.

**Note**

Note that the SDRAM connectors are subject to a limitation on the number of times you can insert SDRAM modules into them.

1. Locating the SDRAM module to be replaced on the SRPU

Before working on an SDRAM module, you need to locate it on the SRPU. [Figure2](#) illustrates where the SDRAM modules are on the SRPU of the SR8800.

Figure2 Locate the SDRAM module on the SRPU

2. Removing an SDRAM module

Follow these steps to remove an SDRAM module:

- (1) Push the latches away from both ends of the SDRAM module with both thumbs simultaneously. This releases the SDRAM module from the connector on the SRPU.
- (2) Lift the SDRAM module completely from the connector.



Caution

- When replacing an SDRAM module, always wear ESD-preventive gloves or an ESD-preventive wrist strap.
- Take the SDRAM module only by its non-conductive edges, because an SDRAM module is ESD-sensitive and any improper operation may cause damage to it.
- It is normal that you feel it effort-taking to remove an SDRAM module. Do not use too much force in your operation.
- Do not touch any surface-mounted components on the SDRAM module with bare hands.

3. Installing an SDRAM module

Follow these steps to install an SDRAM module:

- (1) Align the polarization notch on the SDRAM module with the polarization key on SDRAM connector on the SRPU.
- (2) Firmly press the SDRAM module down into the SDRAM connector until the latches at both ends of the connector have firmly locked the SDRAM module in position.